



Docket No.: NEB-180

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Jack, et al. EXAMINER: Frank Wei Min Lu
SERIAL NO.: 09/738,444 GROUP: 1634
FILED: December 15, 2000
FOR: Use of Site-Specific Nicking Endonucleases To
Create Single-Stranded Regions And Applications
Thereof

The Honorable Commissioner of
Patents and Trademarks
Washington, DC 20231

AMENDMENT UNDER 37 C.F.R. §1.116

Sir:

In response to the Final Rejection mailed on October 21, 2002,
please amend the above-identified Application as follows:

IN THE CLAIMS

Please amend claim 1, 3- 5 as follows and cancel claims 30-34:

1. A method for creating a target single-stranded region in a double-stranded DNA, comprising:
 - (a) nicking at least two sites bordering the target region within the double-stranded DNA with at least one site-specific endonuclease; and
 - (b) subjecting the nicked DNA to conditions where the target region is selectively denatured .